

# **Abstract**

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**Title:** Case study of Physical treatment of Patient with Arthroplasty of the Shoulder joint

**Summary:** This thesis discusses a case study of physiotherapeutic care of a patient with arthroplasty of shoulder joint caused by traumatic four-fragments fracture of proximal humerus. The aim of the first, general part of the work is to introduce this diagnosis, surgery and conservative approach in case of fracture proximal humerus. It deals with the general anatomy, biomechanics and kinesiology of shoulder joint. The specificities of rehabilitation after arthroplasty of shoulder joint are also discussed.

The second, practical part of the thesis describes a case report of a patient with this diagnosis. This is a patient I was working with in MediCentrum in January 2015. First the anamnesis, initial kinesiological examination, design and course of therapy are described. Then, final kinesiological examination and evaluation of the therapy are presented.

**Key words:** Case study, fracture, cervicocapital replacement, physiotherapy